

RECEIVED

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Application Number	09/922874
Filing Date	August 6, 2001
First Named Inventor	Elfida R. Grant, et al.
Group Art Unit	1624
Examiner Name	T. TRUONG
Attorney Docket Number	ORT-1482

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	6-2-03
-----------------------	---	--------------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 3

Application Number	09/922874
Filing Date	August 6, 2001
First Named Inventor	Elfida R. Grant, et.
Group Art Unit	1624
Examiner Name	T. TRUONG
Attorney Docket Number	ORT-1482

TECH CENTER 1600/2900

JAN 10 2002

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
TN	6	Ahn, N., et. al. (1991) J. Biol. Chem. 266:4220-4227 ✓	
	7	Allessandrini, A., et. al. (1999) Proc Natl Acad Sci USA 96:12866-9 ✓	
	8	Anderson, N., et. al. (1990) Nature 343:651-653 ✓	
	9	Bading, H., Greenberg, M.E. (1991) Science 253:912-914 ✓	
	10	Callaway, J., et. al. (1999) Stroke 12:2704-2712 ✓	
	11	Canzoniero, L., et al. J. (1996) J. Neurosci. Res. 45:226-236 ✓	
	12	Cheng, Y., et. al. (1998) J. Clin. Invest. 101:1992-1999 ✓	
	13	Chijiwa, T., et. al. (1990) J. Biol. Chem. 265:5267-5272 ✓	
	14	Courtney, M., et. al. (1990) J. Neurosci. 10:3873-3879 ✓	
	15	Crews, C., Allessandrini, A., Erikson, R. (1992) Science 258:478-480 ✓	
	16	Desdouits-Magnen, J., et. al. (1998) J. Neurochem. 70:524-530 ✓	
	17	Enslin, H., et al. (1996) Proc Natl Acad Sci USA 93:10803-10808 ✓	
	18	Favata, M.F., et al., (1998) J. Biol. Chem. 273:18623-18632 ✓	
	19	Fiore, R.S., et al. (1993) J Neurochem 61:1626-1633 ✓	
	20	Grobin, A.C., (1999) Brain Research 827:1-11 ✓	
	21	Heath, D., Vink, R. (1999) J. Neurosurg. 90:504-509 ✓	
	22	Henry, J., et al. (1998) J. Med. Chem. 41:4196-4198 ✓	
	23	Hu, B., Wieloch, T. (1994) J. Neurochem 62:1357-1367 ✓	
	24	Inhorn, R., Majerus, P. (1987) J. Biol. Chem. 262:15946-15952 ✓	
	25	Ishii, T., et al. (1993) J. Biol. Chem. 268:2836-2843 ✓	
	26	Jaiswal, R., et al. (1994) Mol. Cell. Biol. 14:6944-6953 ✓	
	27	Jones-Velleneuve, et al. (1982) J. Cell. Biol. 94:253-262 ✓	
	28	Jones-Velleneuve, et al. (1983) Mol. Cell Biol. 4:2271-2279 ✓	
	29	Jovanoic, J., et al. (1996) Proc. Natl. Acad. Sci. USA 93:3679-3683 ✓	
	30	Kindy, M. (1993) J Chereb Blood Flow Metab 13:372-377 ✓	
	31	Kobayashi, E., et al. (1989) Biochem. Biophys. Res. Commun. 159:548-553 ✓	
	32	Kurino, M., et al. (1995) J Neurochem 65:1282-1289 ✓	
	33	Lander, H., et al. (1996) J. Biol. Chem. 271:19705-19709 ✓	
	34	Laurie, D., et al. (1995) Brain Res. Mol. Brain Res. 32:94-108 ✓	
	35	Lee, J., et al. (1994) Nature 372:739-746 ✓	
	36	Lev, S., et al. (1995) Nature 376:737-745 ✓	
	37	Li, B., et al. (1999a) Eur. J. Biochem. 262:211-217 ✓	
	38	Li, M., et al. (1999b) Brain Res. 1999:44-52 ✓	
	39	McBurney, M.W., et al. (1982) Dev. Biol. 89:503-508 ✓	
	40	Meldrum, B., Garthwaite, J. (1990) Trends Pharmacol Sci 11:379-387 ✓	
	41	Monyer, H., et. al. (1994) Neuron 12:529-540 ✓	
	42	Monyer, H., et. al. (1992) Science 256:1217-1221 ✓	
	43	Moodie, S., et al. (1993) Science 260:1658-1661 ✓	
TNT	44	Morley, p., et al. (1995) J. Neurochem. 65:1093-1099 ✓	

Examiner Signature	<i>[Signature]</i>	Date Considered	6-2-03
--------------------	--------------------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3 of 3

Application Number	09/922658
Filing Date	August 6, 2001
First Named Inventor	Elfida R. Grant, et al.
Group Art Unit	1624
Examiner Name	T. TRUONG
Attorney Docket Number	ORT-1483

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
TNT	45	✓ Murray, B., et al. (1998) Proc. Natl. Acad. Sci. USA 95:11975-11980 ✓	
	46	✓ Onoda, T., et al. (1989) J. Nat. Prod. 52:1252-1257 ✓	
	47	✓ Papin, C., et al. (1995) Oncogene 10:1647-1651 ✓	
	48	✓ Park, C., et al. (1988) Ann. Neurol. 24:543-551 ✓	
	49	✓ Pazos, a., et al. (1999) Brain Res. 846:186-195 ✓	
	50	✓ Pleasure, S., Lee, V. -Y. (1993) Journal of Neurosci. Res. 35:585-602 ✓	
	51	✓ Pleasure, S., et al. (1992) J. Neurosci. 12:1802-1815 ✓	
	52	✓ Ray, W.J., Gottlieb, D. I. (1993) Biochem. Biophys. Res. Comm. 197:1475-1482 ✓	
	53	✓ Rootwelt, T., et al. (1998) J. Neurochem. 71:1544-1553 ✓	
	54	✓ Rosen, L., et al. (1994) Neuron 12:1207-1221 ✓	
	55	✓ Sakagami, H., Kondo, H. (1993) Brain Res Mol Brain Res 19:215-218 ✓	
	56	✓ Sakakibara, Y., et al. (2000) Neurosci Lett 281:111-114 ✓	
	57	✓ Sattler, R., et al. (1999) Science 284:1845-1848 ✓	
	58	✓ Schneggenburger, R., et al. (1993) Neuron 11:133-143 ✓	
	59	✓ Schwartz-Bloom, R., et al. (1998) J Chereb Blood Flow Metab 18:548-558 ✓	
	60	✓ Sola, C., et al. (1999) J. Neurosci. Res. 57:651-652 ✓	
	61	✓ Stanciu, M., et al. (2000) J. Biol. Chem. 275:12200-12206 ✓	
	62	✓ Standaert, D., et al. (1994) J. Comp. Neurol. 343:1-16 ✓	
	63	✓ Takahashi, M., et al. (1998) J. Pharmacol. Exp. Ther. 287:569-566 ✓	
	64	✓ Tatlisumak, T., et al. (1998) Stroke 29:1952-1958 ✓	
	65	✓ Tokumitsu, H., et al. (1990) J. Biol. Chem. 265:4315-4320 ✓	
	66	✓ Turetsky, D.M., et al. (1993) J. Neurobiol. 24:1157-1169 ✓	
	67	✓ Turski, L., et al. (1998) Proc. Natl. Acad. Sci. USA 95:10960-10965 ✓	
	68	✓ Tymianski, M., et al. (1993) J. Neurosci. 13:2085-2104 ✓	
	69	✓ Vanhoutte, P., et al. (1999) Mol. Cell Biol 19:136-146 ✓	
	70	✓ Wasterlain, C., et al. (1996) Stroke 27:1236-1240 ✓	
	71	✓ Xia, Z., et al. (1995) Science 270:1326-1331 ✓	
	72	✓ Xia, Z., et al. (1996) J. Neurosci. 16:5425-5436 ✓	
	73	✓ Yang, D. D., et al. (1997) Nature 389:865-870 ✓	
	74	✓ Yang, Y., et al. (1998) Brain Res. 804:169-176 ✓	
	75	✓ Zheng, C., et al. (1993) J. Biol. Chem. 268:23933-23939 ✓	
	76	✓ Brint, et al. (1988) J. Cereb Blood Flow Metab 8:474-485 ✓	
	77	✓ Aronowski, et al. (1994) Stroke 25:2235-2240 ✓	
	78	✓ Skaper SD, Facci L, Stribos PJ. (2000) "Neuronal protein kinase signaling cascades and excitotoxic cell death". Ann NY Acad Sci 939:11-22. ✓	
	79	✓ D'Orlando C, Fellay B, Schwaller B, Salicio V, Bloc A, Gotzos V, Celio M., (2001) "Calretinin and calbindin D-28K delay the onset of cell death after excitotoxic stimulation in transfected P19 cells," Brain Research 909 145-158 ✓	
	80	✓ Grant, ER, Errico, MA, Emanuel SL, Benjamin D, McMillian MK, Wadsworth SA, Zivin RA, Zhong Z, (2001) "Protection against glutamate toxicity through inhibition of the p44/42 mitogen-activated protein kinase pathway in neuronally differentiated P19 cells," Biochemical Pharmacology 62:283-296 ✓	

Examiner Signature	<i>T. Truong</i>	Date Considered	6-2-03
--------------------	------------------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECEIVED
JAN 10 2002
TECH CENTER
1600/2900

JUN 05 2002

-CH CENTER 1600/2900

RECEIVED

TECHNOLOGY CENTER 3700

RECEIVED

MAY 29 2002

TECHNOLOGY CENTER R3700

OIPE JC41
 APR 03 2002
 PATENT & TRADEMARKS
 SUB

SUBMISSION UNDER MPEP 609 D

Page 1 of 1

Application Number	09/922,874
Filing Date	August 6, 2001
First Named Inventor	Grant
Group Art Unit	
Examiner Name	
Attorney Docket Number	ORT-1482

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner
Signature**

[Handwritten signature]

Date	
Considered	

- 5-23-03

